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 217. **Figure 209**

















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Page 9







[illegible][illegible]









RESULTS

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US-09-441-670-9

Sequence 9, Application US-08441970

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Patent No. 5859310
GENERAL INFORMATION:
APPLICANT: GOSSEN, MAURITZ
APPLICANT: Bujard, Hermann
APPLICANT: Salfeld, Jochem
APPLICANT: Voss, Jeffrey
TITLE OF INVENTION: Animal Transgenic for a Tetraacycline Controlled
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESS: Little's Woodfield
STREET: 60 State Street, Suite 510
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER HEADABLE FROM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC DOS/MS-DOS
SOFTWARE: ASCII text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/85/481,970
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 89/249,452
FILING DATE: 14-JUN-1994
PREP APPLICATION DATA:
APPLICATION NUMBER: 08/076,327
FILING DATE: 14-JUN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Giulio A. DeConti, Jr.
REGISTRATION NUMBER: 31,503
PENDING/PATENT NUMBER: 89T-014912
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-7941
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 496 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: circular
MOLECULE TYPE: RNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Human cytomegalovirus
IMMEDIATE SOURCE:
CLONE: PHD RGA4
US-08-481-970-9
Query March 20, 1991 Score 390.8; E-2; Length 4963;
Best local similarity 62.4%; Pred. No. 1,146-97;
Matches 699; Conserved % of Mismatches 39; Gaps 4;
27 506 AGGAAAGCTCATCTGGCGGTGGTGACGAGATTCAGATCGAGATTCATGATGATGTC 565
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28 1006 AACCAATTTTAATCTTAAATCTCAATGACTAATCTTAAATCAATCAATCAATCAAT 1062
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29 566 TGGTGTGGTCAAGAGATTAAGAGCTTTTATAAAACAATATCAAGATCAATATATAT 125
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30 1063 TGCTGCTGTAAAGGCTGAAGAGCTTCTGCAGAACAAATATCAAGAGATTAAGATAT 1122
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31 626 ATTGTGTCATCTCAATCAATCAATGATGATCAATCATATAAAGAGAGAGCAATATCAAG 1465
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32 1123 ATGTGTCAATTCATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAATCAAT 1182
    |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| ||||
33 696 TCCATATTTCAATTTATTAATTCAGATGATCAATGATGATGATGATGATGATGATGAT 145
    |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| ||||
34 1183 TCGCGGCTCGCAATGCTAGCAATGAGCAATGATGATGATGATGATGATGATGATGATGAT 142
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35 746 TCTGCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 148
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[illegible]

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1 3
2 05-09-040-508-1
3 Sequence 1 Application 05/09/040508
4 Patient No. 6069249
5
6 GENERAL INFORMATION:
7
8 APPLICANT: Mathias, Stephen L.
9 TITLE OF INVENTION: NEWEL COMPOUNDS
10 NUMBER OF SEQUENCES: 4
11 CORRESPONDENCE ADDRESS:
12 ADDRESSEE: RATNER & PRESTIA
13 STREET: P.O. BOX 980
14 CITY: VALLEY FORGE
15 STATE: PA
16 COUNTRY: USA
17
18 ZIP: 19442
19
20 COMPUTER READABLE FORM:
21 MEDIUM TYPE: Diskette
22 COMPUTER: IBM Compatible
23 OPERATING SYSTEM: DOS
24 SOFTWARE: POSTED FOR Windows Version 2.0
25
26 CURRENT APPLICATION DATA:
27 APPLICATION NUMBER: 05/09/040,508
28 FILING DATE: 17-MAR-1998
29
30 CLASSIFICATION:
31
32 PRIOR APPLICATION DATA:
33 APPLICATION NUMBER: GB 9705451.4
34 FILING DATE: 17-MAR-1997
35 APPLICATION NUMBER: GB 9804389.9
36 FILING DATE: 16-FEB-1998
37 ATTORNEY/AGENT INFORMATION:
38 NAME: PRESTIA, PAUL F
39 REGISTRATION NUMBER: 23,031
40 REFERENCE/PUBL. RT NUMBER: GB-30008
41 TELECOMMUNICATION INFORMATION:
42 TELEPHONE: 610-407-0700
43 TELEFAX: 610-407-0701
44 TELEX: 844169
45
46 INFORMATION FOR SEQ. ID NO.: 1:
47 SEQUENCE CHARACTERISTICS:
48 LENGTH: 1015 base pairs
49 TYPE: nucleic acid
50 STRANDEDNESS: single
51 TOPOLOGY: linear
52
53 MOLECULE TYPE: cDNA
54
55 05-09-040-508-1

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0.08; SCORE 118.8; IMA 3; LENGTH 160.5;







6) ACGAATGCTTAATCTGCTTCTTGGCGAAGCAATTT





[illegible]

1 RESULT 4  
 2 US OR 846 620A 6  
 3 Sequence 6, Application US/08846620A  
 4 Patent No., 5958710  
 5 GENERAL INFORMATION:  
 6 APPLICANT:  
 7 TITLE OF INVENTION: ofplan receptor  
 8 NUMBER OF SEQUENCES: 19  
 9 COMPUTER READABLE FORM:  
 10 METHOD TYPE: floppy disk  
 11 COMPUTER: IBM PC compatible  
 12 OPERATING SYSTEM: pc DOS/MS-DOS  
 13 SOFTWARE: Patent in Release #1.0, Version #1.25 (EPO)  
 14 CURRENT APPLICATION DATA:  
 15 NO. OF ATOR NUMBER: US/088466, 620A  
 16 FILING DATE:  
 17 PRIOR APPLICATION DATA:  
 18 APPLICATION NUMBER: PCT/EP96/03888  
 19 FILING DATE:  
 20 APPLICATION NUMBER: GR 9518272.1  
 21 FILING DATE: 08 SEP 1995  
 22 PRIOR APPLICATION DATA:  
 23 APPLICATION NUMBER: GR 9605550.4  
 24 FILING DATE: 15 MAR 1996  
 25 PRIOR APPLICATION DATA:  
 26 APPLICATION NUMBER: GR 9607542.0  
 27 FILING DATE: 11 APR 1996  
 28 PRIOR APPLICATION DATA:  
 29 APPLICATION NUMBER: GR 9607576.5  
 30 FILING DATE: 08 MAY 1996  
 31 INFORMATION FOR SEQ ID NO: 6:  
 32 SEQUENCE CHARACTERISTICS:  
 33 LENGTH: 1458 base pairs  
 34 TYPE: nucleic acid  
 35 STRANDEDNESS: double  
 36 TOPOLOGY: linear  
 37 ORIGINAL SOURCE:  
 38 ORGANISM: Mus musculus  
 39 US OR 846 620A 6

Country Match	73.48%	Score: 922.67	Dth: 27	Length: 1458
West-Jordan Similarity	84.00%	Prod. NO. 4,102.85		

Matches 1042; Conservative 0; Mismatches 199; Indels 0; Gaps 0;

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0y	61	AATAAAATTAATTTGTTGATGAGCAAAATCTGTGAAATATCTTCTTTTAACTGATCTATCTG	120
10b	85	GTAAAGTAAATGCTGCTATGAGGCAAACTCTGAGCAATCTCTGTCTTCTTAACTAACTAACTAT	144
0y	121	CAGTCTATTAATCTCTGATGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTGAGGCTG	180
10b	145	CAATATCACTGCTCTCTATGCTAGAGAGCTCTAGAAATAGCTTTGAGTGGCAAAATAGAAATAT	204
0y	181	GAAATATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	240
10b	205	GAAATATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	264
0y	241	GATATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	300
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0y	361	AAAAAAGATATTAAGCAAT	420
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10b	985	ATGATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	1044
0y	1021	ATGATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	1080
10b	1045	ATGATATCTTAAATCTGTAAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAGAAATAG	1104



Query Match	25.6%	Score 422	DB 1	Length 4967
Best Local Similarity	60.7%	Prod. No. 6.9e 76		
Matches 617	conservative 0	Mismatches 360	Indels 39	Gaps 4

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[illegible]







OY 461 VVATGDAISSBKALHLLNNVITLAWVIAKSGTSSOQUSMLANLMLLSIVHBSNKM 420  
 DB 442 VVATGDAISSBKALHLLNNVITLAWVIAKSGTSSOQUSMLANLMLLSIVHBSNKM 491  
 OY 421 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 429 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548

## RESULT 2

US 08 836 620A 3  
 ? Sequence 3, Application US/088 66620A  
 ? Patient No. 5958710  
 ? GENERAL INFORMATION:  
 ? APPLICANT:  
 ? TITLE OF INVENTION: orphan receptor  
 ? NUMBER OF SEQUENCES: 19  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: pc dos/MS DOS  
 ? SOFTWARE: Patient Release #1.0, Version #1.25 (EPO)  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: US/08/836,620A  
 ? FILING DATE:  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: PCT/EP96/03933  
 ? FILING DATE:  
 ? APPLICATION NUMBER: GB 9518272.1  
 ? FILING DATE: 08-SEP-1995  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: GB 9605550.4  
 ? FILING DATE: 15-MAR-1996  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: GB 9607532.0  
 ? FILING DATE: 11-APR-1996  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: GB 9609576.5  
 ? FILING DATE: 08-MAY-1996  
 ? INFORMATION FOR SEQ ID NO: 1:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 485 amino acids  
 ? TYPE: amino acid  
 ? TOPOLOGY: linear  
 ? ORIGINAL SOURCE:  
 ? ORGANISM: Homo sapiens  
 ? US 08 836 620A 3

Query Match 99.6% Score 2512; DB 2; Length 485;  
 Best Local Similarity 99.8% Pred. No. 1 70-264;  
 Matches 476; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1 MNTSPSNVNLFGGSGPCTTSTRVIMPTGHLSTCVIHQGLSHYAHYKRSWCTAKSL 60  
 DB 9 MNTSPSNVNLFGGSGPCTTSTRVIMPTGHLSPVIMHQLSHYAHYKRSWCTAKSL 68  
 OY 61 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 69 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 121 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 129 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 181 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 189 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 241 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 249 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548

OY 401 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 409 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 421 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 429 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548

## RESULT 3

US 08 836 620A 2  
 ? Sequence 2, Application US/088 66620A  
 ? Patient No. 5958710  
 ? GENERAL INFORMATION:  
 ? APPLICANT:  
 ? TITLE OF INVENTION: orphan receptor  
 ? NUMBER OF SEQUENCES: 19  
 ? COMPUTER READABLE FORM:  
 ? MEDIUM TYPE: floppy disk  
 ? COMPUTER: IBM PC compatible  
 ? OPERATING SYSTEM: pc dos/MS DOS  
 ? SOFTWARE: Patient Release #1.0, Version #1.25 (EPO)  
 ? CURRENT APPLICATION DATA:  
 ? APPLICATION NUMBER: US/08/836,620A  
 ? FILING DATE:  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: PCT/EP96/03933  
 ? FILING DATE:  
 ? APPLICATION NUMBER: GB 9518272.1  
 ? FILING DATE: 08-SEP-1995  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: GB 9605550.4  
 ? FILING DATE: 15-MAR-1996  
 ? PRIOR APPLICATION DATA:  
 ? APPLICATION NUMBER: GB 9607532.0  
 ? FILING DATE: 11-APR-1996  
 ? INFORMATION FOR SEQ ID NO: 2:  
 ? SEQUENCE CHARACTERISTICS:  
 ? LENGTH: 485 amino acids  
 ? TYPE: amino acid  
 ? TOPOLOGY: linear  
 ? ORIGINAL SOURCE:  
 ? ORGANISM: Rattus rattus  
 ? US 08 836 620A 2

Query Match 89.2% Score 2249; DB 2; Length 485;  
 Best Local Similarity 88.5% Pred. No. 6 90-230;  
 Matches 422; Conservative 23; Mismatches 32; Indels 0; Gaps 0;

OY 1 MNTSPSNVNLFGGSGPCTTSTRVIMPTGHLSTCVIHQGLSHYAHYKRSWCTAKSL 60  
 DB 9 MNTSPSNVNLFGGSGPCTTSTRVIMPTGHLSPVIMHQLSHYAHYKRSWCTAKSL 68  
 OY 61 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 69 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 121 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 129 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 181 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 189 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548  
 OY 241 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 477  
 DB 249 EHLINMKRNVPVYVLLLEMLNNAVLKRSSTTGSSTVAHBSKRSKRSNQSQ 548



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07 241 MMSSTLTKAKREIVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 300
08 249 MMSSTLTKADKELVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 308
09 301 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 360
10 309 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 368
11 361 VITADGASSKRIAHINAVTIALVWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 420
12 369 ASAMGFAPESSEPTTILNAVTDALWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 428
07 421 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 477
08 429 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 485

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## RESULT 4

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US-08-836-620A-13
1 Sequence 13 Application US/08836620A
2 Patent No. 5958710
3 GENERAL INFORMATION:
4 APPLICANT:
5 TITLE OF INVENTION: Orphan receptor
6 NUMBER OF SEQUENCES: 19
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: Floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: US/08/836,620A
14 FILING DATE:
15 PRIORITY APPLICATION DATA:
16 APPLICATION NUMBER: PCT/EP96/03933
17 FILING DATE:
18 APPLICATION NUMBER: GB 9518272.1
19 FILING DATE: 08-SEP-1995
20 PRIORITY APPLICATION DATA:
21 APPLICATION NUMBER: GB 9605550.4
22 FILING DATE: 15-MAR-1996
23 PRIORITY APPLICATION DATA:
24 APPLICATION NUMBER: GB 9607532.0
25 FILING DATE: 11-APR-1996
26 PRIORITY APPLICATION DATA:
27 APPLICATION NUMBER: GB 9609576.5
28 FILING DATE: 08-MAY-1996
29 INFORMATION FOR SEQ ID NO: 13:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 484 amino acids
32 TYPE: amino acid
33 TOPOLOGY: linear
34 ORIGINAL SOURCE:
35 ORGANISM: Rattus rattus
36 US-08-836-620A-13

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Query Match 89.0% Score 2244 DB 27 Length 485
Best Local Similarity 88.4% Pred. No. 2,4e-235
Matches 421 Conservative 23 Mismatches 32 Indels 0 Gaps 0

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07 1 MMSSTLTKAKREIVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 40
08 249 MMSSTLTKADKELVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 100
09 301 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 160
10 309 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 220
11 361 VITADGASSKRIAHINAVTIALVWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 280
12 369 ASAMGFAPESSEPTTILNAVTDALWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 340
07 421 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 400
08 429 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 460

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07 181 SAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 240
08 189 SAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 248
09 241 MMSSTLTKADKELVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 300
10 249 MMSSTLTKADKELVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 308
11 301 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 360
12 309 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 368
07 421 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 476
08 429 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 484

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## RESULT 5

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US-08-836-620A-5
1 Sequence 5 Application US/08836620A
2 Patent No. 5958710
3 GENERAL INFORMATION:
4 APPLICANT:
5 TITLE OF INVENTION: Orphan receptor
6 NUMBER OF SEQUENCES: 19
7 COMPUTER READABLE FORM:
8 MEDIUM TYPE: Floppy disk
9 COMPUTER: IBM PC compatible
10 OPERATING SYSTEM: PC-DOS/MS-DOS
11 SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
12 CURRENT APPLICATION DATA:
13 APPLICATION NUMBER: US/08/836,620A
14 FILING DATE:
15 PRIORITY APPLICATION DATA:
16 APPLICATION NUMBER: PCT/EP96/03933
17 FILING DATE:
18 APPLICATION NUMBER: GB 9518272.1
19 FILING DATE: 08-SEP-1995
20 PRIORITY APPLICATION DATA:
21 APPLICATION NUMBER: GB 9605550.4
22 FILING DATE: 15-MAR-1996
23 PRIORITY APPLICATION DATA:
24 APPLICATION NUMBER: GB 9607532.0
25 FILING DATE: 11-APR-1996
26 PRIORITY APPLICATION DATA:
27 APPLICATION NUMBER: GB 9609576.5
28 FILING DATE: 08-MAY-1996
29 INFORMATION FOR SEQ ID NO: 5:
30 SEQUENCE CHARACTERISTICS:
31 LENGTH: 485 amino acids
32 TYPE: amino acid
33 TOPOLOGY: linear
34 ORIGINAL SOURCE:
35 ORGANISM: Mus musculus
36 US-08-836-620A-5

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Query Match 96.1% Score 2252 DB 27 Length 485
Best Local Similarity 88.1% Pred. No. 8e-234
Matches 420 Conservative 24 Mismatches 34 Indels 0 Gaps 0

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07 1 MMSSTLTKAKREIVHMSWAKTGGVFLSLFVAVNGLHSSVWMEFYMMGMSSTLTKAKRE 60
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09 301 IIFAEVIVLDFEGRVGVGIIETITMLTATSPFEELKIDHREYIVKAMIIINSWYPI 180
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11 361 VITADGASSKRIAHINAVTIALVWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 300
12 369 ASAMGFAPESSEPTTILNAVTDALWVIAVSGIISQGSMPRIANLIMISVIVHANSKRM 360
07 421 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 420
08 429 FETLIMKRVNVVYVYETITFELNANHVPVGVSSVITDSESPVAFVSGVGVSSV 480

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NUMBER OF SEQUENCES: 72  
CORRESPONDENCE ADDRESS:  
ADDRESS: Campbell & Flores LLP  
STREET: 4870 La Jolla Village Drive, Suite 700

RESULT 11  
05-08-836-620A-17  
Source: 17, April 1944; 05-08836620A



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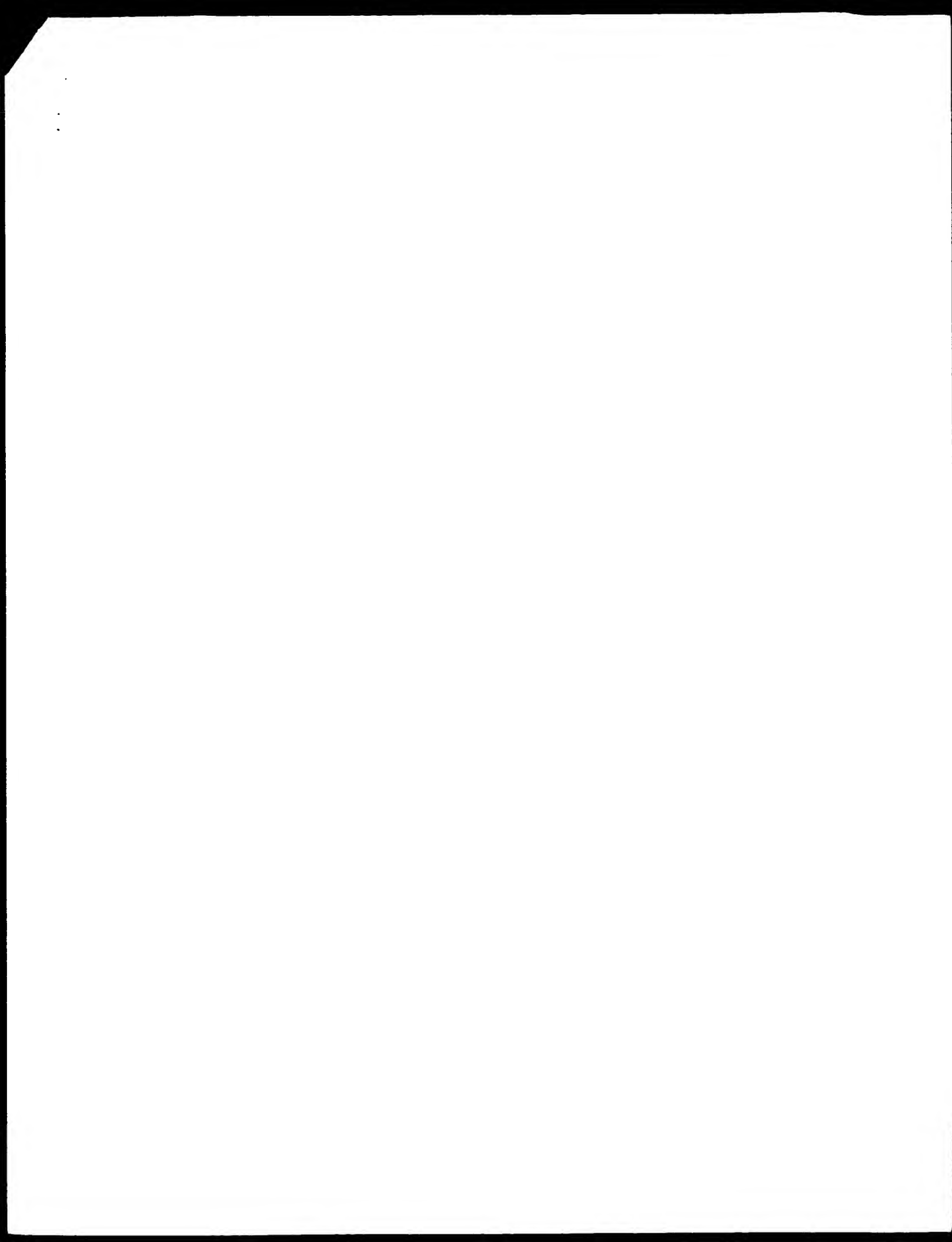
1  APPLICANT:  English,  Jane
2  APPLICANT:  English,  Thomas
3  APPLICANT:
4  APPLICANT:

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210 LSPGCVLLLEAFHIVLSPLSNPFEASMMSLKLAQPIVMSWAFLQPEVEL 240

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Db      2  LSPFLVLTLLAEPPNVIYSHPSMPTFEASMMMLTKLADKELVHMIGAKKIPGVFL 61
QY      270  SIPTGVPTFSTCMPTVLMH?MMRSIDHPGYIPAPYVITGVVCKVPT?::IIMLA 129
Db      62  SLLDQVRLTSCWMEVLMWMI MMRSIDHPGKLIIFAPDVIIDROGKCEGILEIFDMLLA 121
QY      430  TTSRFEELKIGREYLCVKAMTILNNSMFEVATQVASSKRLAHLLNAVITQALWVIA 389
Db      122  TTSRFEELKIGREYLCVKAMTILNNSMFEVATQVASSKRLAHLLNAVITQALWVIA 181
QY      490  KSGTSSQVQSMRIANLMLLSHVPHASNKGMHLLNKKCNVYVYDILLEMNA 444
Db      182  KSGTSSQVQSMRIANLMLLSHVPHASNKGMHLLNKKCNVYVYDILLEMNA 228
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Search completed: April 9, 2002, 08:16:15  
Job time: 216 sec













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Topology: both  
US 08 0/6 726 15

## Query Match

6.28; Score 89; ID: 1; Length 6244;

Best Local Similarity 66.38; Prod. No. 4.9e 14;

Matches 128; Conservative 0; Mismatches 65; Indels 0; Gaps 0;

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UY 293 TTTGAGCTGATGAGGAGAGGATATCTATGAGATCTGCTGGAGGAGAGGAG 452
    ||| | ||| | ||| | | ||| ||| | ||| | ||| |||
DB 293 TTTGAGGAGATGAGGAGAGGATATCTATGAGATCTGAGCTGGAGGAGTGTAAAG 2424
    ||| | ||| | ||| | | ||| ||| | ||| | ||| |||
UY 653 GTTTTAAAGAAAGATATGAGGAGATGAGATATTTGTAAGCTAAATAGT 412
    ||| ||||| | | ||| | | ||| | | ||| | |
DB 2425 TTTGTTTAAAGAGGAGATGAGGAGAGATATGATATTTATGTAAGTAAATAGT 2484
    ||| | ||| | ||| | | ||| ||| | ||| | ||| |||
UY 413 GTATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 472
    | | | ||||| | | | | | ||| | | | ||| | |
DB 2485 GTATGATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 2544
    ||| | ||| | ||| | | ||| ||| | ||| | ||| |||
UY 473 AAGTGGGAGAGCT 485
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DB 2545 AAGTGGGAGAGCT 2557
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Search completed: April 9, 2002, 10:21:59  
Job time: 4946 sec











0Y 1081 GTGACAGTATGACAGATGCTGACAGACAGGAAATGGCTGCTGCTGCTGCTGCTG 1140  
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 0Y 1141 AGCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1200  
 1165 AGCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1224  
 0Y 1261 GCGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1281  
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## RESULT 5

US-08-076-726-16  
 Sequence 16, Application US/08076726  
 Patent No. 5464798  
 GENERAL INFORMATION:  
 APPLICANT: Gossens, Manfred  
 APPLICANT: Hufjard, Hermann  
 TITLE OF INVENTION: Tight Control of Gene Expression in  
 TITLE OF INVENTION: Eucalyptic Cells by Inducible responsive Promoters  
 NUMBER OF SEQUENCES: 16  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Steiner, Kessler, Goldstein & Fox  
 STREET: 1100 New York Avenue, N.W.  
 CITY: Washington  
 STATE: District of Columbia  
 COUNTRY: United States of America  
 ZIP: 20005-4934  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: pc-windows  
 SOFTWARE: Patent in release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/076/126  
 FILING DATE: 14-JUN-1993  
 CLASSIFICATION: 435  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Esmond, Robert W.  
 REGISTRATION NUMBER: 32,893  
 REFERENCE/DOCKET NUMBER: 0942-2490001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (202) 371-2600  
 TELEFAX: (202) 371-2540  
 TELETYPE: 248636 SSR  
 INFORMATION FOR SEQ ID NO: 16:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 4963 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: both  
 TOPOLOGY: both  
 US-08-076-726-16

Query Match: 25.7% Score 422 DB 1: 1004th 4963  
 Post Local Similarity: 60.7% Prod. No. 66-76;  
 Matches 617; Conservative 0; Mismatches 360; Indels 49; Gaps 4;

0Y 271 AGCATATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 233  
 1003 AATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1062  
 0Y 441 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 390  
 1063 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1122  
 0Y 491 ATTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 450  
 1123 ATTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1182

0Y 451 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 510  
 1183 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1242  
 0Y 511 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 556  
 1243 AATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1302  
 0Y 559 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 607  
 1403 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1462  
 0Y 608 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 657  
 1463 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1422  
 0Y 658 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 714  
 1423 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1482  
 0Y 715 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 774  
 1483 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1542  
 0Y 775 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 834  
 1543 TGTGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1602  
 0Y 835 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 894  
 1603 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1662  
 0Y 895 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 954  
 1663 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1722  
 0Y 955 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1014  
 1723 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1782  
 0Y 1015 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1074  
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 0Y 1075 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1134  
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 1903 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1962  
 0Y 1195 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 1247  
 1963 GATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATG 2018

## RESULT 6

US-08-260-452-9  
 Sequence 9, Application US/08260452  
 Patent No. 5650298  
 GENERAL INFORMATION:  
 APPLICANT: Gossens, Manfred  
 APPLICANT: Hufjard, Hermann  
 APPLICANT: Salfeld, Jochem  
 TITLE OF INVENTION: Tight Control of Gene Expression in Eucalyptic  
 TITLE OF INVENTION: Cells by Inducible responsive Promoters  
 NUMBER OF SEQUENCES: 10  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Lathio & Cockfield  
 STREET: 60 State Street  
 CITY: Boston





[illegible]







SOFTWARE: Patent In Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/98/764,264  
 FILING DATE:  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 777,700,4,000,000  
 FILING DATE: 28-JUN-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: EP 94 110 298.2  
 FILING DATE: 28-JUN-1994  
 ATTORNEY/AGENT INFORMATION:  
 NAME: MURRAY, Robert H.  
 REGISTRATION NUMBER: 22,980  
 REFERENCE/POCKET NUMBER: P564-5019  
 TELEPHONE: (202)648-5000  
 TELEFAX: (202)648-4810  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2422 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1270-1284)  
 OTHER INFORMATION: /note "linker peptide."  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1285-2422)  
 OTHER INFORMATION: /note "estrogen binding domain."  
 US-08-826-264-2

Query Match 17.38; Score 216.8; DB 3; Length 2222;  
 Best Local Similarity 61.38; Pred. No. 3,5648;  
 Matches 3857; Conservative 0; Mismatches 237; Indels 6; Gaps 2;  
 QY 626 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 685  
 D 1466 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1519  
 QY 626 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 742  
 D 1520 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1579  
 QY 743 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 802  
 D 1580 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1639  
 QY 803 AGTTCAGGCTGCTTGCAGCAATGCGGCTCTTGCAGCAATGCTTGCAGCAATGCTTGCAGCAAT 862  
 D 1640 AGTTCAGGCTGCTTGCAGCAATGCGGCTCTTGCAGCAATGCTTGCAGCAATGCTTGCAGCAAT 1699  
 QY 863 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 922  
 D 1700 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1759  
 QY 923 TTCTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 982  
 D 1760 TTCTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1819  
 QY 983 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1042  
 D 1820 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1879  
 QY 1043 AGGCGATGATGCTGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1101

DB 1880 AATGATATATTTGCTTATTTTGGAGTGAACATTTCTGTCAGCAATGCTTGAAGTGA 1949  
 QY 1103 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1169  
 D 1940 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1999  
 QY 1169 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1219  
 D 2000 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 2059  
 QY 1220 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 1247  
 D 2060 GCGTGAAGAGGAGAGTACTGATGCTGACGCTGCTGGAGAGTGAAGGAGAGTGGAGTGGTGA 2087

RESULT 14  
 US-09-040-508-1  
 Sequence 1, Application US/99/040508  
 Patent No. 6069249  
 GENERAL INFORMATION:  
 APPLICANT: Mathias, Stephen L.  
 TITLE OF INVENTION: NOVEL COMPOUNDS  
 NUMBER OF SEQUENCES: 4  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: RAINIER & PRESTIA  
 STREET: P.O. BOX 980  
 CITY: VALLEY FORGE  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19482  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: diskette  
 COMPUTER: IBM compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FASTSU for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/99/040508  
 FILING DATE: 17-MAR-1998  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: GB 9705451.4  
 FILING DATE: 17-MAR-1997  
 APPLICATION NUMBER: GB 9803289.9  
 FILING DATE: 16-FEB-1998  
 ATTORNEY/AGENT INFORMATION:  
 NAME: PRESTIA, PAUL F.  
 REGISTRATION NUMBER: 23,031  
 REFERENCE/POCKET NUMBER: GH-30008  
 TELEPHONE: 610-407-0700  
 TELEFAX: 610-407-0701  
 TELE: 846166  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1615 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-09-040-508-1

Query Match 9.18; Score 114.8; DB 3; Length 1615;  
 Best Local Similarity 49.28; Pred. No. 7,2621;  
 Matches 381; Conservative 0; Mismatches 362; Indels 40; Gaps 2;  
 QY 292 GGTGCAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAG 451  
 D 545 GGTGCAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAG 604  
 QY 452 GGTGCAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAG 411  
 D 605 GGTGCAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAGCAATTAAG 664





